# Assessing Cross Laminated Timber (CLT) as an Alternative Material for Mid-Rise Residential Buildings in Cold Regions in China—A Life-Cycle Assessment Approach

**https://research.thinkwood.com/en/permalink/catalogue1209**


| | |
|---|---|
| Author: | Liu, Ying |
| | Guo, Haibo |
| | Sun, Cheng |
| | Chang, Wen-Shao |



| | |
|---|---|
| Publisher: | MDPI |
| Year of Publication: | 2016 |
| Country of Publication: | Switzerland |
| Format: | Journal Article |
| Material: | CLT (Cross-Laminated Timber) |
| Application: | Wood Building Systems |
| Topic: | Energy Performance |
| Keywords: | Life-Cycle Assessment |
| | Cradle-to-Grave |
| | China |
| | Cold Regions |
| | Severe Cold Regions |
| | Energy Consumption |
| | Mid-Rise |
| | Residential |
| Language: | English |
| Research Status: | Complete |
| Series: | Sustainability |



Summary:

Timber building has gained more and more attention worldwide due to it being a generic renewable material and having low environmental impact. It is widely accepted that the use of timber may be able to reduce the embodied energy of a building. However, the development of timber buildings in China...



Online Access: Free


## Resource Link

https://doi.org/10.3390/su8101047